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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/626,347	07/24/2003	Eileen Breslin		9157

7590 09/21/2006
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EXAMINER

AMARI, ALESSANDRO V

ART UNIT PAPER NUMBER

2872

DATE MAILED: 09/21/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/626,347

Applicant(s)

BRESLIN, EILEEN

Examiner

Alessandro Amari

Art Unit

2872

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on RCE of 2/6/2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 19-25 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 19-25 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 6 February 2006 has been entered.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 19-22 are rejected under 35 U.S.C. 102(e) as being anticipated by Schofield et al US 6,498,620.

In regard to claim 19, Schofield et al discloses (see Figures 1-4, 12) a vehicular sensor system, the system comprising at least one video camera (16) mounted on the rear of the vehicle parallel to the latitudinal axis and at least one video camera (14) mounted forward of a driver rotatably mounted to provide lateral views from the vehicle

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as described in column 23, lines 32-55, and providing the images formed by the at least one video camera to the driver (via 20) to enhance visual field of the driver.

Regarding claim 20, Schofield et al discloses (see Figures 1-4) that the at least one front mounted video camera is mounted forward of the driver on the driver's side of the vehicle to provide a peripheral view from the driver side of the vehicle as shown in Figures 1, 2 and 4.

Regarding claim 21, Schofield et al discloses (see Figures 1-4) that the at least one front mounted video camera is mounted forward of the driver on a passenger's side of the vehicle to provide a peripheral view from the passenger's side of the vehicle as shown in Figures 1, 2 and 4.

Regarding claim 22, Schofield et al discloses (see Figures 1-4) that the at least one front mounted video camera transmits a view to the driver as shown in Figure 3 and as described in column 7, lines 48-62.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 23-25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Schofield et al US 6,498,620 in view of Cellina et al US 20050146603.

Regarding claims 23-25, Schofield et al teaches the invention as set forth above but regarding claim 23 does not teach that at least one rear-mounted vehicle camera is

mounted at a rear edge of the driver's side of the vehicle to provide a peripheral view from the rear of the vehicle or regarding claim 24, that at least one rear-mounted vehicle camera is mounted at a rear edge of the passenger's side of the vehicle to provide a peripheral view from the rear of the vehicle or regarding claim 25, that at least one rear mounted video camera transmits a view to the driver.

Regarding claim 23, Cellina et al does teach (see Figures 1, 2, 4) that at least one rear-mounted vehicle camera (31) is mounted at a rear edge of the driver's side of the vehicle to provide a peripheral view from the rear of the vehicle. Regarding claim 24, Cellina et al does teach (see Figures 1, 2, 4) that at least one rear-mounted vehicle camera (30) is mounted at a rear edge of the passenger's side of the vehicle to provide a peripheral view from the rear of the vehicle. Regarding claim 25, Cellina et al does teach (see Figure 4) that at least one rear mounted video camera transmits a view to the driver(via 25) as shown in Figure 4.

It would have been obvious to one having ordinary skill in the art at the time the invention was made to utilize the rear mounted video cameras of Cellina et al in the vehicular sensor system of Schofield et al in order to further improve and provide rear vision information to the driver so as to reduce accidents.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alessandro V. Amari whose telephone number is (571) 272-2306. The examiner can normally be reached on Monday-Friday 8:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Drew Dunn can be reached on (571) 272-2312. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

ava/11
14 September 2006

Alessandro Amari
Alessandro Amari
Examiner AU2872